

**CIRCUMFERENTIAL ANTENNA FOR AN  
IMPLANTABLE MEDICAL DEVICE**

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Abstract

An apparatus and method for enabling far-field radio-frequency communications with an implantable medical device in which an antenna is embedded within a dielectric around the periphery of the device. Such a circumferential antenna saves space while still permitting far-field telemetry over a desired range of frequencies.

"Express Mail" mailing label number: EV332571055US

Date of Deposit: August 5, 2003

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